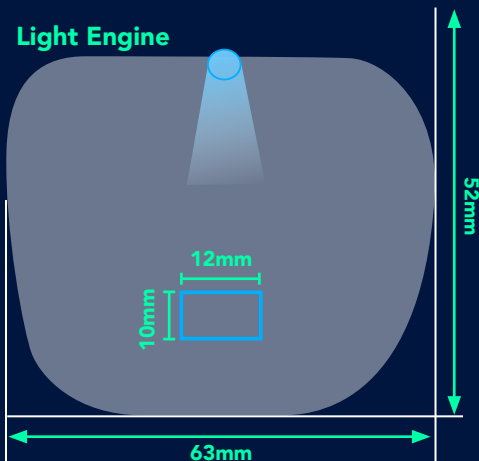


# Crystal50

Crystal50 waveguides leverage an integrated dual axis architecture that uses multiple overlapping diffractive grating layers. With premiere color, brightness, and contrast, these waveguides coupled with spatial computing technologies are changing the headworn landscape.



**Available Now**

## Waveguide Specifications

**FIELD-OF-VIEW**  
50° (D); 44° (H) x 25° (V)

**EYE BOX**  
12mm (H) x 10mm (V)

**ORIENTATION**  
Landscape

**TRANSPARENCY**  
>80%

**EYE RELIEF**  
19mm

**FOCUS DISTANCE**  
Infinity

## Mechanical

**THICKNESS**  
<2.5mm

**LAYERS**  
3 (R,G,B)

**CONFIGURATION**  
Top injected

### AVG LUM EFF

**UNPOLARIZED (n/L)**  
175 nits/lumen

**POLARIZED (n/L)**  
>350 nits/lumen

## Discover unmatched performance

Crystal50 is ready to transform the way users interact with data in multiple industries. Developers can begin creating compelling XR experiences on wearable technologies that will drive tomorrow's innovations.

Specifications based on Coretronic light engine Crystal50 may be optimized for additional light engines

